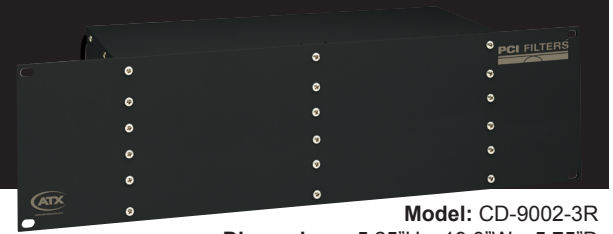


PCI FILTERS®



Model: CD-9002-3R
Dimensions: 5.25"H x 19.0"W x 5.75"D
 (13.34H x 48.26W x 14.6D cm)



Model: CD-9002-R
Dimensions: 1.75"H x 19.0"W x 5.75"D
 (4.45H x 48.26W x 14.6D cm)



Model: CD-9002-W
Dimensions: 1.75"H x 13.0"W x 6.25"D
 (4.45H x 33.0W x 15.88D cm)

Standard Indoor Channel Deletion Filters:

Application:

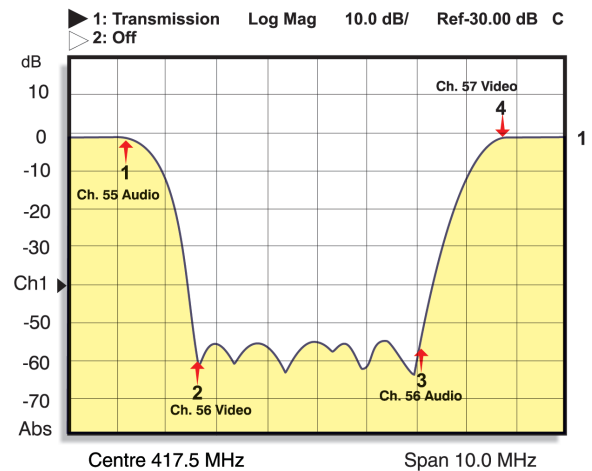
The CD-9002 will delete an entire television channel and allow a new channel to be reinserted.

Features:

- ▶ Wide operating bandwidth
- ▶ Temperature stable
- ▶ Low frequency vibration stable
- ▶ Final production graph available on request
- ▶ "F" type connectors standard
- ▶ Rack (1 or 2RU) or wall mount "single unit" solution
- ▶ Rack mount units available with 2 or 3 filters in series
- ▶ The high performance of this filter will not degrade the adjacent channels
- ▶ Exceptionally low insertion loss 8 Element design
- ▶ Fully integrated deletion or brick wall filter(s) & insertion point (directional coupler)
- ▶ Allows users to delete a portion of the CATV spectrum & locally re-insert desired analog or digital channels
- ▶ Custom designs available on request

Technical Specifications

SPECIFICATIONS		
BANDWIDTH		5-1000 MHz
CHANNEL REJECTION		> 55 dB
RETURN LOSS		> 16 dB*
IMPEDANCE		75 Ohms
TEMPERATURE RANGE		+5°C to +35°C (+41°F to +95°F)
PASSBAND INSERTION LOSS		< 1.5 dB
TYPICAL		< 1 dB
CHANNELS 2 to 30 (Insertion Loss)	LOWER ADJACENT AUDIO	3 dB
	UPPER ADJACENT VIDEO	3 dB
CHANNELS 31 to 78 (Insertion Loss)	LOWER ADJACENT AUDIO	3.5 dB
	UPPER ADJACENT VIDEO	3.5 dB
CHANNELS > 78 (Insertion Loss)	LOWER ADJACENT AUDIO	4 dB
	UPPER ADJACENT VIDEO	4 dB
NOTE:		
* This does not apply within 20 MHz (average) from the channel being deleted.		



Ordering Information

Part Number	Description
CD-9002-R	Channel Deletion - Rack Mount
CD-9002-W	Channel Deletion - Wall Mount
CD-9002-2R	Two Channel Deletion - Rack Mount
CD-9002-3R	Three Channel Deletion - Rack Mount

Specifications subject to change without notice.



ISO
9001
REGISTERED

1-501 Clements Road West, Ajax, ON L1S 7H4 Canada
 Tel (905) 428-6068 Toll Free (800) 565-7488 Fax (905) 427-1964 Toll Free Fax (866) 427-1964
 www.atxnetworks.com support@atxnetworks.com

PCI FILTERS®

Extended Temperature Channel Deletion Filter:

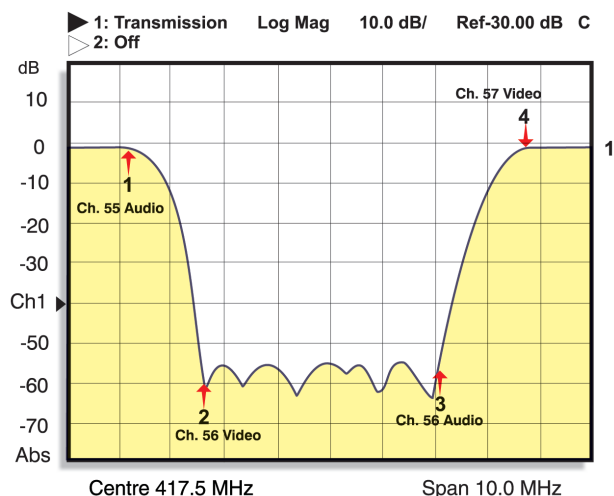
Application:

The extended temperature filter will delete an entire television channel and allow a new channel to be reinserted over a temperature range of -20°C to +50°C (-4°F to +122°F).



Technical Specifications

SPECIFICATIONS		CD-9002ET
BANDWIDTH		5-1000 MHz
CHANNEL REJECTION		> 55 dB
	+5°C to +35°C (+41°F to +95°F)	> 55 dB
	-20°C to +5°C, +35°C to +50°C (-4°F to +41°F, +95°F to +122°F)	> 50 dB
RETURN LOSS		> 16 dB
IMPEDANCE		75 Ohms
TEMPERATURE RANGE ⁽¹⁾		-20°C to +50°C (-4°F to +122°F)
PASSBAND INSERTION LOSS TYPICAL		< 1.5 dB < 1 dB
INSERTION LOSS (Channels 2 to 78)	LOWER ADJACENT AUDIO	3 dB
	UPPER ADJACENT VIDEO	3 dB
INSERTION LOSS (Channels greater than 78)	LOWER ADJACENT AUDIO	4 dB
	UPPER ADJACENT VIDEO	4 dB
NOTE: (1) Extended temperature range not supported for digital adjacent channel operation.		



Ordering Information

Part Number	Description
CD-9002ET-R	Channel Deletion - Rack Mount - Extended Temperature
CD-9002ET-W	Channel Deletion - Wall Mount - Extended Temperature

Specifications subject to change without notice.



ISO
9001
REGISTERED

1-501 Clements Road West, Ajax, ON L1S 7H4 Canada
Tel (905) 428-6068 Toll Free (800) 565-7488 Fax (905) 427-1964 Toll Free Fax (866) 427-1964
www.atxnetworks.com support@atxnetworks.com

Printed in Canada

Rev. 12/10 (ANW0504)